

# Technical Specifications



	Spark Plus IO 4K	Spark Plus IO 3G-SDI	Spark Plus IO 12G-SDI	Spark Plus™ 4K
Video Input	1 x HDMI	1 x 3G/HD/SD-SDI	1 x 12G-SDI	1 x HDMI
Video Output	1 x HDMI	1 x 3G/HD/SD-SDI	1 x 12G-SDI	NA
Audio Input	3.5mm Mono Mic Level Embedded HDMI	3.5mm Line Level Embedded 3G-SDI	3.5mm Analog Stereo Line Level Embedded 12G-SDI	3.5mm Line Level Embedded HDMI
Sortie Audio	3.5mm Line Level Embedded HDMI	3.5mm Line Level Embedded 3G-SDI	3.5mm Analog Stereo Line Level Embedded 12G-SDI	NA
Encoding/ Decoding	NDI®	NDI®	NDI®	NDI® encoding only
Network	1 x RJ-45 port Gigabit Ethernet			
Interface	Web-based user interface for configuration and monitoring			
Tally	Tally support via NDI®			
Formats	2160p: 60, 59.94, 30, 29.97, 25 1080p: 60, 59.94, 50, 30, 29.97, 25 720p: 60, 59.94, 50, 29.97 576p: 50 480p: 60, 59.94	1080p: 60, 59.94, 50, 29.97, 25 1080i: 59.94, 50 720p: 60, 59.94, 50, 29.97, 25	2160p: 59.94, 50, 29.97, 25 1080p: 59.94, 50, 29.97, 25 720p: 59.94, 50, 25	2160p: 60, 59.94, 30, 29.97, 25 1080p: 60, 59.94, 50, 30, 29.97, 25 720p: 60, 59.94, 50, 29.97, 25 576p: 50 (16:9, 4:3) 480p: 60, 59.94 (16:9, 4:3)
SDI	N/A	75 Ohm impedance SMPTE ST-424M, ST-292M	75 Ohm impedance SMPTE ST-424M, ST-292M	N/A
Power	Power over Ethernet or External Power Adaptor DC 5V~18V Power Supply			External Power via USB type-C
Physical	Portable enclosure with threaded screw camera mount 3.94 x 3.15 x .94 in (100 x 80 x 24 mm) .53 lbs (.24 kg)		Portable enclosure with threaded screw camera mount 4.33 x 3.7 x 1.1 in (110 x 95 x 28 mm) .66 lbs (.30 kg)	Portable enclosure with threaded screw camera mount 4.72 x 3.54 x .87 in (120 x 90 x 22 mm) .53 lbs (.24 kg)